

Human Nervous System (MEDI 4404)

Spring semester – 2014

Course Coordinator: Dr. Abdul Aleem Khan

Week 1

HNS No	Title of the lecture or practical or clinical case	Department	Day/Date	Time
HNS 01	The structural and functional organization of the nervous system its topography and meninges	LECT 01 (ANAT 01)	Sunday 16.02.14	09:00
HNS 02	The brainstem and the spinal cord	LECT 02 (ANAT 02)	Monday 17.02.14	09:00
HNS 03	Neurohistology	LECT 03 (ANAT 03)	Tuesday 18.02.14	09:00
HNS 04	Histology of the nervous system	PRAC 01 (ANAT 01)	Tuesday 18.02.14	14:15
HNS 04	Histology of the nervous system	PRAC 01 (ANAT 01)	Wednesday 19.02.14	14:15
HNS 05	Brain imaging techniques	LECT 04 (RADI 01)	Thursday 20.02.14	09:00
HNS 04	Histology of the nervous system	PRAC 01 (ANAT 01)	Thursday 20.02.14	12:00
HNS 06	Brain imaging (radiology of the brain and the spinal cord, CAT scans, MRI scans, FMRI scans, PAT scans)	PRAC 02 (RADI 01)	Thursday 20.02.14	14:15

Week 2

HNS No	Title of the lecture or practical or clinical case	Department	Day/Date	Time
HNS 07	Ascending/Sensory Tracts	LECT 05 (ANAT 04)	Sunday 23.02.14	09:00
HNS 06	Brain imaging (radiology of the brain and the spinal cord, CAT scans, MRI scans, FMRI scans, PAT scans)	PRAC 02 (RADI 01)	Sunday 23.02.14	14:00
HNS 08	Somato-sensory receptors and the sensation of touch, pressure and temperature	LECT 06 (PHYS 01)	Monday 24.02.14	09:00
HNS 06	Brain imaging (radiology of the brain and the spinal cord, CAT scans, MRI scans, FMRI scans, PAT scans)	PRAC 02 (RADI 01)	Monday 24.02.14	14:00
HNS 09	Pain and analgesia	LECT 07 (PHYS 02)	Tuesday 25.02.14	09:00
HNS 10	Brain and Spinal cord: General topography	PRAC 03 (ANAT 02)	Tuesday 25.02.14	14:00
HNS 10	Brain and Spinal cord: General topography	PRAC 03 (ANAT 02)	Wednesday 26.02.14	14:00
HNS 11	Olfactory, oculomotor, trochlear, trigeminal and abducens nerves	LECT 08 (ANAT 05)	Thursday 27.02.14	09:00
HNS 10	Brain and Spinal cord: General topography	PRAC 03 (ANAT 02)	Thursday 27.02.14	12:00
HNS 12	<i>Clinical Case Presentation (Case No 01) Rubbery Limbs <u>GROUP A1</u></i>	<i>TUTO 01 Clinical case</i>	Thursday 27.02.14	14:15

Week 3

HNS No	Title of the lecture or practical or clinical case	Department	Day/Date	Time
HNS 13	Opiates and drug abuse	LECT 09 (PHAR 01)	Sunday 02.03.14	09:00
HNS 12	<i>Clinical Case Presentation (Case No 01)</i> <i>Rubbery Limbs GROUP B1</i>	TUTO 01 <i>Clinical case</i>	Sunday 02.03.14	14:00
HNS 14	General and Local Anesthetics	LECT 10 (PHAR 02)	Monday 03.03.14	09:00
HNS 12	<i>Clinical Case Presentation (Case No 01)</i> <i>Rubbery Limbs GROUP C1</i>	TUTO 01 <i>Clinical case</i>	Monday 03.03.14	14:00
HNS 15	Anxiolytic drugs	LECT 11 (PHAR 03)	Tuesday 04.03.14	09:00
HNS 16	Brain stem: External and Internal features (Sections at various levels)	PRAC 04 (ANAT 03)	Tuesday 04.03.14	14:00
HNS 16	Brain stem: External and Internal features (Sections at various levels)	PRAC 04 (ANAT 03)	Wednesday 05.03.14	14:00
HNS 17	Eye, Optic nerve and Visual pathway	LECT 12 (ANAT 06)	Thursday 06.03.14	09:00
HNS 16	Brain stem: External and Internal features (Sections at various levels)	PRAC 04 (ANAT 03)	Thursday 06.03.14	12:00
HNS 18	<i>Clinical Case Presentation (Case No 02)</i> <i>Unsteady Girl GROUP A1</i>	TUTO 02 <i>Clinical case</i>	Thursday 06.03.14	14:15

Week 4

HNS No	Title of the lecture or practical or clinical case	Department	Day/Date	Time
HNS 19	Optics of eye and its disorders, accommodation, pupillary reflexes	LECT 13 (PHYS 03)	Sunday 09.03.14	09:00
HNS 18	<i>Clinical Case Presentation (Case No 02)</i> <i>Unsteady Girl GROUP B1</i>	TUTO 02 <i>Clinical case</i>	Sunday 09.03.14	14:00
HNS 20	Phototransduction, receptor potential, light and dark adaptation	LECT 14 (PHYS 04)	Monday 10.03.14	09:00
HNS 18	<i>Clinical Case Presentation (Case No 02)</i> <i>Unsteady Girl GROUP C1</i>	TUTO 02 <i>Clinical case</i>	Monday 10.03.14	14:00
HNS 21	Information processing in the retina, lateral geniculate nucleus and visual cortex	LECT 15 (PHYS 05)	Tuesday 11.03.14	09:00
HNS 22	<i>Clinical Case Presentation (Case No 03)</i> <i>Unconscious Business Man GROUP A1</i>	TUTO 03 <i>Clinical case</i>	Tuesday 11.03.14	14:00
HNS 22	<i>Clinical Case Presentation (Case No 03)</i> <i>Unconscious Business Man GROUP B1</i>	TUTO 03 <i>Clinical case</i>	Wednesday 12.03.14	14:00
HNS 23	Color vision and visual disorders	LECT 16 (PHYS 06)	Thursday 13.03.14	09:00
HNS 22	<i>Clinical Case Presentation (Case No 03)</i> <i>Unconscious Business Man GROUP C1</i>	TUTO 03 <i>Clinical case</i>	Thursday 13.03.14	12:00
HNS 24	Examination of Sensory System I (Sensations).	PRAC 05 (NEUR 01)	Thursday 13.03.14	14:15
	FIRST INCOURSE ASSESSMENT (17%)	ALL	Thursday 13.03.14	16:15

Week 5

HNS No	Title of the lecture or practical or clinical case	Department	Day/Date	Time
HNS 25	Ear, vestibulocochlear nerve , auditory and vestibular pathways	LECT 17 (ANAT 07)	Sunday 16.03.14	09:00
HNS 24	Examination of Sensory System I (Sensations).	PRAC 05 (NEUR 01)	Sunday 16.03.14	14:00
HNS 26	Physiology of hearing	LECT 18 (PHYS 07)	Monday 17.03.14	09:00
HNS 24	Examination of Sensory System I (Sensations).	PRAC 05 (NEUR 01)	Monday 17.03.14	14:00
HNS 27	Physiology of balance and equilibrium	LECT 19 (PHYS 08)	Tuesday 18.03.14	09:00
HNS 28	Examination of Sensory System II (Sensations).	PRAC 06 (NEUR 02)	Tuesday 18.03.14	14:00
HNS 28	Examination of Sensory System II (Sensations).	PRAC 06 (NEUR 02)	Wednesday 19.03.14	14:00
HNS 29	Physiology of Smell and taste	LECT 20 (PHYS 09)	Thursday 20.03.14	09:00
HNS 28	Examination of Sensory System II (Sensations).	PRAC 06 (NEUR 02)	Thursday 20.03.14	12:00
HNS 30	<i>Sensation, perception and recognition</i>	TUTO 04 (PHYS 01)	Thursday 20.03.14	14:15

Week 6

HNS No	Title of the lecture or practical or clinical case	Department	Day/Date	Time
HNS 31	Cerebral cortex, cell layers, white matter and internal capsule	LECT 21 (ANAT 08)	Sunday 23.03.14	09:00
HNS 30	<i>Sensation, perception and recognition</i>	TUTO 04 (PHYS 01)	Sunday 23.03.14	14:00
HNS 32	Descending/Motor tracts, Dermatomes and Myotomes	LECT 22 (ANAT 09)	Monday 24.03.14	09:00
HNS 30	<i>Sensation, perception and recognition</i>	TUTO 04 (PHYS 01)	Monday 24.03.14	14:00
HNS 33	Stretch reflex and spinal mechanisms of motor coordination	LECT 23 (PHYS10)	Tuesday 25.03.14	09:00
HNS 34	Cerebrum: Gross anatomy and sections	PRAC 07 (ANAT 04)	Tuesday 25.03.14	14:00
HNS 34	Cerebrum: Gross anatomy and sections	PRAC 07 (ANAT 04)	Wednesday 26.03.14	14:00
HNS 35	Control of voluntary movement.	LECT 24 (PHYS 11)	Thursday 27.03.14	09:00
HNS 34	Cerebrum: Gross anatomy and sections	PRAC 07 (ANAT 04)	Thursday 27.03.14	12:00
HNS 36	<i>Clinical Case Presentation (Case No 04) Staggering Student <u>GROUP A1</u></i>	TUTO 05 <i>Clinical case</i>	Thursday 27.03.14	14:15

Week 7

HNS No	Title of the lecture or practical or clinical case	Department	Day/Date	Time
HNS 37	Cerebellum	LECT 25 (ANAT 10)	Sunday 30.03.14	09:00
HNS 36	<i>Clinical Case Presentation (Case No 04)</i> <i>Staggering Student <u>GROUP B1</u></i>	<i>TUTO 05</i> <i>Clinical case</i>	Sunday 30.03.14	14:00
HNS 38	Cerebellar physiology	LECT 26 (PHYS 12)	Monday 31.03.14	09:00
HNS 36	<i>Clinical Case Presentation (Case No 04)</i> <i>Staggering Student <u>GROUP C1</u></i>	<i>TUTO 05</i> <i>Clinical case</i>	Monday 31.03.14	14:00
HNS 39	Basal ganglia	LECT 27 (ANAT 11)	Tuesday 01.04.14	09:00
HNS 40	Cerebellum, ventricular system & CSF	PRAC 08 (ANAT 05)	Tuesday 01.04.14	14:00
HNS 40	Cerebellum, ventricular system & CSF	PRAC 08 (ANAT 05)	Wednesday 02.04.14	14:00
HNS 41	Physiology of basal ganglia	LECT 28 (PHYS 13)	Thursday 03.04.14	09:00
HNS 40	Cerebellum, ventricular system & CSF	PRAC 08 (ANAT 05)	Thursday 03.04.14	12:00
HNS 42	Examination of Motor System and Coordination	PRAC 09 (NEUR 03)	Thursday 03.04.14	14:15

Week 8

HNS No	Title of the lecture or practical or clinical case	Department	Day/Date	Time
HNS 43	Antiparkinsonian drugs	LECT30 (ANAT12)	Sunday 06.04.14	09:00
HNS 42	Examination of Motor System and Coordination	PRAC 09 (NEUR 03)	Sunday 06.04.14	14:15
HNS 44	Facial and hypoglossal nerves	LECT30 (ANAT12)	Monday 07.04.14	09:00
HNS 42	Examination of Motor System and Coordination	PRAC 09 (NEUR 03)	Monday 07.04.14	14:15
HNS 45	Glossopharyngeal, vagus and accessory nerves	LECT31 (ANAT13)	Tuesday 08.04.14	09:00
HNS 46	Special senses (Eye and Ear), Cranial nerves	PRAC 10 (ANAT6)	Tuesday 08.04.14	14:15
HNS 46	Special senses (Eye and Ear), Cranial nerves	PRAC 10 (ANAT6)	Wednesday 09.04.14	14:15
HNS 47	Structure of the autonomic nervous system	LECT 32 (ANAT14)	Thursday 10.04.14	09:00
HNS 46	Special senses (Eye and Ear), Cranial nerves	PRAC 10 (ANAT6)	Thursday 10.04.14	12:00
HNS 48	<i>Clinical Case Presentation (Case No 05)</i> <i>Shaking Palsy <u>GROUP A1</u></i>	<i>TUTO 06</i>	Thursday 10.04.14	14:15

Week 9

HNS No	Title of the lecture or practical or clinical case	Department	Day/Date	Time
HNS 49	Structure of Hypothalamus and Limbic system	LECT 33 (ANAT 15)	Sunday 13.04.14	09:00
HNS 48	<i>Clinical Case Presentation (Case No 05)</i> <i>Shaking Palsy</i> <u>GROUP B1</u>	<i>TUTO 06</i> <i>Clinical case</i>	Sunday 13.04.14	14:15
HNS 50	Homeostatic drives, neural substrate of motivational states, feelings and emotions.	LECT 34 (PHYS 14)	Monday 14.04.14	09:00
HNS 48	<i>Clinical Case Presentation (Case No 05)</i> <i>Shaking Palsy</i> <u>GROUP C1</u>	<i>TUTO 06</i> <i>Clinical case</i>	Monday 14.04.14	14:15
HNS 51	Disorders of mood	LECT 35 (BM 01)	Tuesday 15.04.14	09:00
HNS 52	Examination of Cranial Nerves	PRAC 11 (NEUR 04)	Tuesday 15.04.14	14:15
HNS 52	Examination of Cranial Nerves	PRAC 11 (NEUR 04)	Wednesday 16.04.14	14:15
HNS 53	Antidepressants drugs	LECT 36 (PHAR 05)	Thursday 17.04.14	09:00
HNS 52	Examination of Cranial Nerves	PRAC 11 (NEUR 04)	Thursday 17.04.14	12:00
HNS 54	<i>Clinical Case Presentation (Case No 06)</i> <i>Blues in the spring</i> <u>GROUP A1</u>	<i>TUTO 07</i> <i>Clinical case</i>	Thursday 17.04.14	14:15
SECOND INCOURSE ASSESSMENT (17%)		ALL	Thursday 17.04.14	16:15

Week 10

HNS No	Title of the lecture or practical or clinical case	Department	Day/Date	Time
HNS 55	Antipsychotic drugs	LECT 37 (PHAR 06)	Sunday 20.4.14	09:00
HNS 54	<i>Clinical Case Presentation (Case No 06)</i> <i>Blues in the spring</i> <u>GROUP B1</u>	<i>TUTO 07</i> <i>Clinical case</i>	Sunday 20.4.14	14:15
HNS 56	The reticular formation, Thalamus and its connections	LECT 38 (ANAT 16)	Monday 21.4.14	09:00
HNS 54	<i>Clinical Case Presentation (Case No 06)</i> <i>Blues in the spring</i> <u>GROUP C1</u>	<i>TUTO 07</i> <i>Clinical case</i>	Monday 21.4.14	14:15
HNS 57	Consciousness, arousal and Sleep	LECT 39 (PHYS 15)	Tuesday 22.4.14	09:00
HNS 58	<i>Clinical Case Presentation (Case No 07)</i> <i>"The Police are following me"</i> <u>GROUP A1</u>	<i>TUTO 08</i> <i>Clinical case</i>	Tuesday 22.4.14	14:15
HNS 58	<i>Clinical Case Presentation (Case No 07)</i> <i>"The Police are following me"</i> <u>GROUP B1</u>	<i>TUTO 08</i> <i>Clinical case</i>	Wednesday 23.4.14	14:15
HNS 59	Sleep and its disorders	LECT 40 (PHYS 16)	Thursday 24.4.14	09:00
HNS 58	<i>Clinical Case Presentation (Case No 07)</i> <i>"The Police are following me"</i> <u>GROUP C1</u>	<i>TUTO 08</i> <i>Clinical case</i>	Thursday 24.4.14	12:00
HNS 60	<i>Clinical Case Presentation (Case No 08)</i> <i>Under a spell</i> <u>GROUP A1</u>	<i>TUTO 09</i> <i>Clinical case</i>	Thursday 24.4.14	14:15

Week 11

HNS No	Title of the lecture or practical or clinical case	Department	Day/Date	Time
HNS 61	Verbal Behavior and its disorders	LECT 41 (PHYS 17)	Sunday 27.4.14	09:00
HNS 60	<i>Clinical Case Presentation (Case No 08) Under a spell <u>GROUP B1</u></i>	<i>TUTO 09 Clinical case</i>	Sunday 27.4.14	14:15
HNS 62	Learning and memory	LECT 42 (PHYS 18)	Monday 28.4.14	09:00
HNS 60	<i>Clinical Case Presentation (Case No 08) Under a spell <u>GROUP C1</u></i>	<i>TUTO 09 Clinical case</i>	Monday 28.4.14	14:15
HNS 63	Cellular and molecular mechanism of memory storage	LECT 43 (PHYS 19)	Tuesday 29.4.14	09:00
HNS 64	Examination of higher mental functions	PRAC 12 (NEUR 05)	Tuesday 29.4.14	14:15
HNS 64	Examination of higher mental functions	PRAC 12 (NEUR 05)	Wednesday 30.4.14	14:15
HNS 65	Impairment of cognitive functions	LECT 44 (BM 02)	Thursday 01.5.14	09:00
HNS 64	Examination of higher mental functions	PRAC 12 (NEUR 05)	Thursday 01.5.14	12:00
HNS 66	<i>Higher mental functions</i>	<i>TUTO 10 (PHYS 02)</i>	Thursday 01.5.14	14:15

Week 12

HNS No	Title of the lecture or practical or clinical case	Department	Day/Date	Time
HNS 67	Antiepileptics	LECT 45 (PHAR 07)	Sunday 04.5.14	09:00
HNS 66	<i>Higher mental functions</i>	<i>TUTO 10 (PHYS 02)</i>	Sunday 04.5.14	14:15
HNS 68	Blood supply of the brain and the spinal cord	LECT 46 (ANAT 17)	Monday 05.5.14	09:00
HNS 66	<i>Higher mental functions</i>	<i>TUTO 10 (PHYS 02)</i>	Monday 05.5.14	14:15
HNS 69	Metabolism of the brain	LECT 47 (BIOC 01)	Tuesday 06.5.14	09:00
HNS 70	<i>Biochemistry Tutorial</i>	<i>TUTO 11 (BIOC 01)</i>	Tuesday 06.5.14	14:15
HNS 70	<i>Biochemistry Tutorial</i>	<i>TUTO 11 (BIOC 01)</i>	Wednesday 07.5.14	14:15
HNS 71	Aging of the brain, dementia and other neurodegenerative diseases	LECT 48 (PATH 01)	Thursday 08.5.14	09:00
HNS 70	<i>Biochemistry Tutorial</i>	<i>TUTO 11 (BIOC 01)</i>	Thursday 08.5.14	11:00
HNS 72	<i>Clinical Case Presentation (Case No 09) Crisis upon Crisis <u>GROUP A1</u></i>	<i>TUTO 12 Clinical case</i>	Thursday 08.5.14	14:15
	OSPE (8%)	NEUR, PHYS	Thursday 08.5.14	16:15

Week 13

HNS No	Title of the lecture or practical or clinical case	Department	Day/Date	Time
HNS 73	Cerebrovascular disease ('strokes'), brain swelling & raised intracranial pressure	LECT 49 (PATH 02)	Sunday 11.5.14	09:00
HNS 72	<i>Clinical Case Presentation (Case No 09) Crisis upon Crisis GROUP B1</i>	<i>TUTO 12 Clinical case</i>	Sunday 11.5.14	14:15
HNS 74	Tumours of the nervous system	LECT 50 (PATH 03)	Monday 12.5.14	09:00
HNS 72	<i>Clinical Case Presentation (Case No 09) Crisis upon Crisis GROUP C1</i>	<i>TUTO 12 Clinical case</i>	Monday 12.5.14	14:15
HNS 75	Bacterial meningitis and brain abscess	LECT 51 (MICR 01)	Tuesday 13.5.14	09:00
HNS 76	Neuropathology practical	PRAC 13 (PATH 01)	Tuesday 13.5.14	14:15
HNS 76	Neuropathology practical	PRAC 13 (PATH 01)	Wednesday 14.5.14	14:15
HNS 77	Neurological diseases and syndromes caused by viruses	LECT 52 (MICR 02)	Thursday 15.5.14	09:00
HNS 76	Neuropathology practical	PRAC 13 (PATH 01)	Thursday 15.5.14	12:00
HNS 78	<i>Neuropathology Tutorial</i>	<i>TUTO 13 (PATH 01)</i>	Thursday 15.5.14	14:15

Week 14

HNS No	Title of the lecture or practical or clinical case	Department	Day/Date	Time
HNS 79	Parasitic infections of the nervous system and sensory organs	LECT 53 (MICR 03)	Sunday 18.5.14	09:00
HNS 78	<i>Neuropathology Tutorial</i>	<i>TUTO 13 (PATH 01)</i>	Sunday 18.5.14	14:15
HNS 80	Immunological disorders of nerves	LECT 54 (MICR 04)	Monday 19.5.14	09:00
HNS 78	<i>Neuropathology Tutorial</i>	<i>TUTO 13 (PATH 01)</i>	Monday 19.5.14	14:15
HNS 81	Development of the nervous system and disorders I	LECT 55 (ANAT 18)	Tuesday 20.5.14	09:00
HNS 82	Laboratory diagnosis of bacterial meningitis	PRAC 14 (MICR 01)	Tuesday 20.5.14	14:15
HNS 82	Laboratory diagnosis of bacterial meningitis	PRAC 14 (MICR 01)	Wednesday 21.5.14	14:15
HNS 83	Development of the nervous system and disorders II	LECT 56 (ANAT 19)	Thursday 22.5.14	09:00
HNS 82	Laboratory diagnosis of bacterial meningitis	PRAC 14 (MICR 01)	Thursday 22.5.14	12:00
HNS 84	<i>Autoimmune diseases of the nervous system</i>	<i>TUTO 14 (MICR 01)</i>	Thursday 22.5.14	14:15

Week 15

HNS No	Title of the lecture or practical or clinical case	Department	Day/Date	Time
<i>HNS 84</i>	<i>Autoimmune diseases of the nervous system</i>	<i>TUTO 14 (MICR 01)</i>	Sunday 25.05.14	14:15
<i>HNS 84</i>	<i>Autoimmune diseases of the nervous system</i>	<i>TUTO 14 (MICR 01)</i>	Monday 26.05.14	14:15